Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 24 Feb 2023 until 23:59 on Saturday 25 Feb 2023

Forecast Issued on Friday 24 Feb 2023 at 01:47

Confidence: Medium for clearance of rain and cloud Friday morning, otherwise high for plenty of dry, settled weather around through the remainder of the forecast period as a high becomes centred over Scotland. Details lower regarding the often large, but mainly above summit level, cloud.

Headline for Friday 24 Feb 2023: Early rain then mainly dry with sunny spells. Cold northerly winds.

Mountain weather hazards on Friday 24 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
60%	20%	<05%	10%	10%	<05%

Forecast for Friday 24 Feb 2023

Weather: Rain, turning briefly to sleet or wet snow on the higher summits, clearing soon after dawn with cloud then breaking to leave a mainly dry day with sunny spells, just the odd wintry shower possible across eastern fells. Dry through the evening with long clear spells developing.

Chance of cloud-free hill tops above 800m: Little chance at first soon improving to 75% then close to 100% in the afternoon.

Low cloud and visibility: Periods or persistent above about 450-600m soon becoming more occasional above 600m then largely lifting above the summits by midday. Away from cloud visibility several kilometres in early rain, and perhaps a kilometre in any summit wintriness, soon becoming very good or excellent, falling only briefly in any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 24 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	35/41 NW	33/40 N	23/30 N	22/28 N	24/30 NE	26/33 NE	25/32 NE
600	25/32 NW	22/30 N	21/29 N	19/26 N	15/21 NE	16/24 NE	15/22 N
300	10/29 NW	10/27 N	10/25 N	10/24 N	6/21 N	7/22 N	8/23 N
Valley	8/27 NW	8/24 N	9/23 N	8/20 N	4/18 NE	7/22 NE	8/22 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-5	1/-6	1/-6	1/-6	-1/-8	-2/-10	-4/-12
600	4/-2	4/-2	4/-2	4/-2	2/-3	-0/-6	-1/-7
300	6/2	6/3	7/4	6/3	4/2	2/-1	1/-3
Valley	7/5	8/6	9/7	9/7	7/5	5/2	4/1
Freezing Level*	1300m	1000m	900m	800m	700m	500m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasing chill effect through the evening.

Forecast for Saturday 25 Feb 2023

Weather: Mainly dry with clear then sunny spells, the best of these across more western and southern fells. Risk of a few light snow showers across eastern fells.

Maximum wind: Northerly or northeasterly around 20mph gradually decreasing 10-15mph

Chance of cloud-free hill tops above 800m: Close to 100% in south and west, but nearer 75% over eastern fells.

Low cloud and visibility: Occasional cloud above about 750m over eastern fells, but generally little or no cloud below the summits. Away from cloud visibility very good or excellent, falling only briefly in any showers in east.

Temperature: **Valleys:** Around plus 1 or 2 Celsius at dawn rising to plus 6 or 7 Celsius by early afternoon
At 800m: Around minus 2 or 3 Celsius
Freezing level: Around 400m

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Mountain Weather Forecast

Ground Conditions Supplement
Thursday 23 February 2023 Location: Hall's Fell summit (Blencathra) at 10:47 Full report: A cold night with a hard frost gave way to a beautiful springlike day in the Lakes today. The ground was fairly well frozen this morning down to valley levels with some ice forming in and around drainage lines. Despite some light sleet and snow showers yesterday, nothing has really settled. The Lakeland fells remain almost entirely snow-free with just a few old patches of snow clinging on around corrie rims above 900m on Helvellyn and the surrounding fells. These are not in places where walkers are likely to venture, although there are a few very small (and easy to avoid) patches on the exit slopes of Swirral edge. Similar conditions are expected in the next few days. Despite it feeling pleasantly warm in the sunshine, the windchill (feels-like) temperatures on the tops are still frequently in the negative figures, therefore, anyone heading out onto the higher fells should be prepared with plenty of warm and waterproof clothing including hats and gloves, a map, compass, and headtorch. Temperature: plus 2.9 C Maximum wind speed 4.8 mph Wind chill: plus 1.0 C Average wind speed: 2.9 mph.

Issued at: 01:47 on Fri 24 Feb 2023

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